

(1) Vessels permanently attached to motor vehicles such as trucks, railcars, barges, or ships;

(2) Pressure vessels designed to operate in excess of 204.9 kilopascals and without emissions to the atmosphere;

(3) Vessels with capacities smaller than 38 cubic meters;

(4) Vessels and equipment storing and/or handling material that contains no organic HAP, or organic HAP as impurities only;

(5) Surge control vessels and bottoms receiver tanks; and

(6) Wastewater storage tanks.

Stripping technology means the removal of organic compounds from a raw elastomer product by the use of heat and/or vacuum. Stripping technology includes steam stripping, direct volatilization, chemical stripping, and other methods of devolatilization.

Styrene butadiene latex means a polymer consisting primarily of styrene and butadiene monomer units produced using an emulsion process and sold as a latex.

Styrene butadiene rubber by emulsion means a polymer consisting primarily of styrene and butadiene monomer units produced using an emulsion process. Styrene butadiene rubber by emulsion does not include styrene butadiene latex.

Suspension process means a process carried out with the reactants in a state of suspension, typically achieved through the use of water and/or suspending agents (e.g., polymerization reaction).

Total organic compounds (TOC) means those compounds, excluding methane and ethane, measured according to the procedures of Method 18 or Method 25A of 40 CFR part 60, appendix A.

Year means any consecutive 12-month period or 365 rolling days. For the purposes of emissions averaging, the term year applies to any 12-month period selected by the facility and defined in its Emissions Averaging Plan. For the purposes of batch cycle limitations, the term year applies to the 12-month period defined by the facility in its Notification of Compliance Status.

§ 63.483 Emission standards.

(a) Except as allowed under paragraphs (b) and (c) of this section, the

owner or operator of an existing or new affected source shall comply with the provisions in:

(1) Section 63.484 for storage vessels;

(2) Section 63.485 for continuous front-end process vents;

(3) Sections 63.486 through 63.492 for batch front-end process vents;

(4) Sections 63.493 through 63.500 for back-end process operations;

(5) Section 63.501 for wastewater;

(6) Section 63.502 for equipment leaks;

(7) Section 63.504 for additional test methods and procedures;

(8) Section 63.505 for monitoring levels and excursions; and

(9) Section 63.506 for general reporting and recordkeeping requirements.

(b) Instead of complying with §§ 63.484, 63.485, 63.493, and 63.501, the owner or operator of an existing affected source may elect to control any or all of the storage vessels, continuous front-end process vents, batch front-end process vents, aggregate batch vent streams, and back-end process emissions within the affected source, plus any or all process wastewater streams associated with the affected source, to different levels using an emissions averaging compliance approach that uses the procedures specified in § 63.503. An owner or operator electing to use emissions averaging must still comply with the provisions of §§ 63.484, 63.485, 63.486, 63.493, and 63.501 for affected source emission points not included in the emissions average.

(c) A State may decide not to allow the use of the emissions averaging compliance approach specified in paragraph (b) of this section as a compliance option for an existing affected source.

§ 63.484 Storage vessel provisions.

(a) For each storage vessel located at an affected source, except for those storage vessels exempted by paragraph (b) of this section, the owner or operator shall comply with the requirements of §§ 63.119 through 63.123 and § 63.148 of subpart G, with the differences noted in paragraphs (c) through (q) of this section.

(b) Storage vessels described in paragraphs (b)(1) through (b)(7) of this section are exempt from the storage vessel requirements of this section.

(1) Storage vessels containing styrene-butadiene latex;

(2) Storage vessels containing other latex products and located downstream of the stripping operations;

(3) Storage vessels containing high conversion latex products;

(4) Storage vessels located downstream of the stripping operations at affected sources subject to the back-end residual organic HAP limitation located in § 63.494, that are complying through the use of stripping technology, as specified in § 63.495;

(5) Storage vessels containing styrene;

(6) Storage vessels containing acrylamide; and

(7) Storage vessels containing epichlorohydrin.

(c) When the term “storage vessel” is used in §§ 63.119 through 63.123 and 63.148 of subpart G, the definition of this term in § 63.482 shall apply for the purposes of this subpart.

(d) When the term “Group 1 storage vessel” is used in §§ 63.119 through 63.123 and § 63.148 of subpart G, the definition of this term in § 63.482 shall apply for the purposes of this subpart.

(e) When the term “Group 2 storage vessel” is used in §§ 63.119 through 63.123 and § 63.148 of subpart G, the definition of this term in § 63.482 shall apply for the purposes of this subpart.

(f) When the emissions averaging provisions of § 63.150 of subpart G are referred to in § 63.119 and § 63.123 of subpart G, the emissions averaging provisions contained in § 63.503 shall apply for the purposes of this subpart.

(g) When December 31, 1992 is referred to in § 63.119 of subpart G, it shall be replaced with June 12, 1995 for the purposes of this subpart.

(h) When April 22, 1994 is referred to in § 63.119 of subpart G, it shall be replaced with September 5, 1996 for the purposes of this subpart.

(i) Each owner or operator shall comply with this paragraph instead of § 63.120(d)(1)(ii) of subpart G for the purposes of this subpart. If the control device used to comply with this section is also used to comply with §§ 63.485

through § 63.501, the performance test required for these sections is acceptable for demonstrating compliance with § 63.119(e) of subpart G for the purposes of this subpart. The owner or operator will not be required to prepare a design evaluation for the control device as described in § 63.120(d)(1)(i) of subpart G, if the performance test meets the criteria specified in paragraphs (i)(1) and (i)(2) of this section.

(1) The performance test demonstrates that the control device achieves greater than or equal to the required control efficiency specified in § 63.119(e)(1) or § 63.119(e)(2) of subpart G, as applicable; and

(2) The performance test is submitted as part of the Notification of Compliance Status required by § 63.506(e)(5).

(j) When the term “operating range” is used in § 63.120(d)(3)(i) of subpart G, it shall be replaced with the term “level,” for the purposes of this subpart. This level shall be established using the procedures specified in § 63.505.

(k) When the Notification of Compliance Status requirements contained in § 63.152(b) of subpart G are referred to in §§ 63.120, 63.122, and 63.123 of subpart G, the Notification of Compliance Status requirements contained in § 63.506(e)(5) shall apply for the purposes of this subpart.

(l) When the Periodic Report requirements contained in § 63.152(c) of subpart G are referred to in §§ 63.120, 63.122, and 63.123 of subpart G, the Periodic Report requirements contained in § 63.506(e)(6) shall apply for the purposes of this subpart.

(m) When other reports as required in § 63.152(d) of subpart G are referred to in § 63.122 of subpart G, the reporting requirements contained in § 63.506(e)(7) shall apply for the purposes of this subpart.

(n) When the Implementation Plan requirements contained in § 63.151(c) of subpart G are referred to in § 63.119 through § 63.123 of subpart G, for the purposes of this subpart the owner or operator of an affected source need not comply.

(o) When the Initial Notification Plan requirements contained in § 63.151(b) of subpart G are referred to in § 63.119 through § 63.123 of subpart G,

for the purposes of this subpart the owner or operator of an affected source need not comply.

(p) When the determination of equivalence criteria in § 63.102(b) of subpart F are referred to in § 63.121(a) of subpart G, the provisions in § 63.6(g) of subpart A shall apply for the purposes of this subpart.

(q) The compliance date for storage vessels at affected sources subject to the provisions of this section is specified in § 63.481.

§ 63.485 Continuous front-end process vent provisions.

(a) For each continuous front-end process vent located at an affected source, the owner or operator shall comply with the requirements of §§ 63.113 through 63.118 of subpart G, except as provided for in paragraphs (b) through (s) of this section. Continuous front-end process vents that are combined with one or more batch front-end process vents shall comply with paragraph (m) or (n) of this section.

(b) When the term “process vent” is used in §§ 63.113 through 63.118 of subpart G, it shall be replaced with the term “continuous front-end process vent,” and the definition of this term in § 63.482 shall apply for the purposes of this subpart.

(c) When the term “halogenated process vent” is used in §§ 63.113 through 63.118 of subpart G, it shall be replaced with the term “halogenated continuous front-end process vent,” and the definition of this term in § 63.482 shall apply for the purposes of this subpart.

(d) When the term “Group 1 process vent” is used in §§ 63.113 through 63.118 of subpart G, it shall be replaced with the term “Group 1 continuous front-end process vent,” and the definition of this term in § 63.482 shall apply for the purposes of this subpart.

(e) When the term “Group 2 process vent” is used in §§ 63.113 through 63.118 of subpart G, it shall be replaced with the term “Group 2 continuous front-end process vent,” and the definition of this term in § 63.482 shall apply for the purposes of this subpart.

(f) When December 31, 1992 is referred to in § 63.113 of subpart G, it shall be replaced with June 12, 1995 for the purposes of this subpart.

(g) When §§ 63.151(f), alternative monitoring parameters, and 63.152(e), submission of an operating permit, of subpart G are referred to in §§ 63.114(c) and 63.117(e) of subpart G, § 63.506(f), alternative monitoring parameters, and § 63.506(e)(8), submission of an operating permit, respectively, shall apply for the purposes of this subpart.

(h) When the Notification of Compliance Status requirements contained in § 63.152(b) of subpart G are referred to in §§ 63.114, 63.117, and 63.118 of subpart G, the Notification of Compliance Status requirements contained in § 63.506(e)(5) shall apply for the purposes of this subpart.

(i) When the Periodic Report requirements contained in § 63.152(c) of subpart G are referred to in §§ 63.117 and 63.118 of subpart G, the Periodic Report requirements contained in § 63.506(e)(6) shall apply for the purposes of this subpart.

(j) When the definition of excursion in § 63.152(c)(2)(ii)(A) of subpart G is referred to in § 63.118(f)(2) of subpart G, the definition of excursion in § 63.505(g) and (h) shall apply for the purposes of this subpart.

(k) For the purposes of this subpart, owners and operators shall comply with § 63.505, parameter monitoring levels and excursions, instead of § 63.114(e) of subpart G. When the term “range” is used in § 63.117(f), § 63.118(a)(2)(iv), (b)(2)(iv), (f)(1), and (f)(6) of subpart G, it shall be replaced with the term “level.” This level is determined in accordance with § 63.505.

(l) When reports of process changes are required under § 63.118 (g), (h), (i), and (j) of subpart G, paragraphs (l)(1) through (l)(4) of this section shall apply for the purposes of this subpart.

(1) Whenever a process change, as defined in § 63.115(e) of subpart G, is made that causes a Group 2 continuous front-end process vent to become a Group 1 continuous front-end process vent, the owner or operator shall submit the following information in the first periodic report following the process change, as specified in § 63.506(e)(6)(iii)(D)(2):

(i) A description of the process change; and

(ii) A schedule for compliance with § 63.113(a) of subpart G, as required under § 63.506(e)(6)(iii)(D)(2).